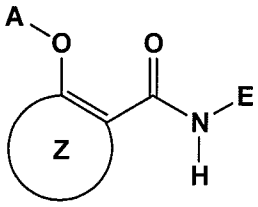
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended): A method for therapeutic treatment of skin cancer, melanoma, lung cancer, liver cancer, breast cancer, pancreatic cancer, ~~leukemia,~~ acute myeloblastic leukemia, multiple myeloma, Lennert's lymphoma, T-cell leukemia, rhabdomyoma, fibrosarcoma, or neuroblastoma in a mammal, which comprises ~~the step of~~ administering to a mammal a therapeutically effective amount of a compound represented by the following general formula (I) or a pharmacologically acceptable salt thereof:



(I)

wherein A represents a hydrogen atom or an acetyl group,

E represents a 2,5- or a 3,5-di-substituted phenyl group, wherein at least one of said substituents is a trifluoromethyl group, and the other substituent is selected from

a halogen atom,

a nitro group,

an alkyl group,

a halogenated alkyl group,

an alkoxy group,

a halogenated alkoxy group,

an aryl-oxy group which may be substituted with one or more substituents independently selected from

a halogen atom,

an alkoxy group,

an alkyl group and

a cyano group,

an alkyl-sulfanyl group,

an alkoxy-carbonyl group,

a carboxy group, and

a monocyclic non-aromatic heterocyclic group which may be substituted with one or more halogenated alkyl groups, or a mono- or a di-substituted thiazol-2-yl group, wherein said substituents are independently selected from

a halogen atom,

an alkyl group which may be substituted with one or more substituents independently selected from

a carboxy group, and

an alkoxy-carbonyl group,

a halogenated alkyl group,

a cyano group,

an aryl group which may be substituted with one or more substituents independently selected from

a halogen atom,

a halogenated alkyl group, and

an alkoxy group,

an alkyl-carbonyl group,

an alkoxy-carbonyl group,

a monocyclic non-aromatic heterocyclic group which may be substituted with one or more substituents independently selected from

an alkyl group, and

an aryl group,

an aralkyl group,

an aryl-carbonyl group,

a carbamoyl group which may be substituted with one or more substituents independently selected from

an alkyl group, and

an aralkyl group, and

a carboxy group,

ring Z represents a benzene ring which may have one or more substituents independently selected from

a halogen atom,

a nitro group,

a cyano group,

an alkoxy group,

an alkyl group which may be substituted with one or more substituents independently selected from

a hydroxy group,

an aralkyl-oxy-imino group, and

an alkoxy-imino group,

an alkenyl group which may be substituted with one or more substituents independently selected from

an aryl group,

a cyano group,

an alkoxy-carbonyl group, and

a carboxy group,

an alkynyl group which may be substituted with one or more substituents independently selected from

an aryl group, and

a tri(alkyl)silyl group,

a halogenated alkyl group,

an aryl group which may be substituted with one or more substituents independently selected from

a halogen atom, and

a halogenated alkyl group,

an aralkyl group,

a monocyclic or a fused polycyclic heteroaryl group which may be substituted with one or more alkyl groups,

an alkyl-carbonyl group,

a monocyclic non-aromatic heterocyclic-carbonyl group which may be substituted with one or more aralkyl groups,

a monocyclic heteroaryl-sulfonyl group,

a carboxy group,

an alkoxy-carbonyl group,

a carbamoyl group which may be substituted with one or more substituents independently selected from

an aryl group which may be substituted with one or more halogenated alkyl groups, and

an alkyl group,

a sulfamoyl group which may be substituted with one or more substituents independently selected from

an aryl group which may be substituted with one or more halogenated alkyl groups, and

an alkyl group,

an amino group which may be substituted with one or more substituents independently selected from

an alkyl group,

an alkyl-carbonyl group,

an aryl-carbonyl group,

an alkyl-sulfonyl group, and

an aryl-sulfonyl group,

an ureido group which may be substituted with one or more aryl groups,

a thioureido group which may be substituted with one or more aryl groups,

a diazenyl group which may be substituted with one or more aryl groups wherein said aryl groups may be substituted with one or more substituents independently selected from

a nitro group, and

a monocyclic heteroaryl-sulfamoyl group, and

a hydroxy group,

in addition to the group represented by formula –O-A and the group represented by formula –CONH-E to a mammal.

2-28. (Canceled)

29. (Previously Presented) The method according to claim 1, wherein the mammal is a human.

30-33. (Canceled)

34. (Currently Amended) A method for inhibiting proliferation of tumor cell or cancer cell, which comprises allowing an effective amount of a compound according to claim 1 or a pharmacologically acceptable salt thereof to act on the tumor cell or ~~caner~~ cancer cell.

35. (Previously Presented) The method according to claim 1, wherein E is a 2,5- or 3,5-di-substituted phenyl group wherein at least one of said substituents is a trifluoromethyl group, and the other substituent is selected from

a halogen atom,

a nitro group,

an alkyl group,

a halogenated alkyl group,

an alkoxy group,

a halogenated alkoxy group,

an aryl-oxy group wherein said aryl-oxy group is a phenyl-oxy group or a naphthyl-oxy group, and said aryl-oxy group may be substituted with one or more substituents independently selected from

a halogen atom,

an alkoxy group,

an alkyl group and

a cyano group,

an alkyl-sulfanyl group,

an alkoxy-carbonyl group,

a carboxy group, and

a monocyclic non-aromatic heterocyclic group wherein said monocyclic non-aromatic heterocyclic group is a 1-pyrrolidinyl group, a piperidino group or a morpholino group, and said monocyclic non-aromatic

heterocyclic group may be substituted with one or more halogenated alkyl group, or

a mono- or di-substituted thiazol-2-yl group wherein said substituents are independently selected from

a halogen atom,

an alkyl group which may be substituted with one or more substituents independently selected from

a carboxy group, and

an alkoxy-carbonyl group,

a halogenated alkyl group,

a cyano group,

a phenyl group which may be substituted with one or more substituents independently selected from

a halogen atom,

a halogenated alkyl group, and

an alkoxy group,

an alkyl-carbonyl group,

an alkoxy-carbonyl group,

a monocyclic non-aromatic heterocyclic group wherein said monocyclic non-aromatic heterocyclic group is a piperidino group, a morpholino group or a 1-piperazinyl group, and said monocyclic non-aromatic heterocyclic group may be substituted with one or more substituents independently selected from

an alkyl group, and

a phenyl group,

a benzyl group,

a phenyl-carbonyl group,

a carbamoyl group which may be substituted with one or more substituents independently selected from

an alkyl group, and

a phenyl-alkyl group, and

a carboxy group.

36. (Currently Amended) The method according to claim 1, wherein E is a 3,5-bis(trifluoromethyl)phenyl group, a 3-fluoro-5-(trifluoromethyl)phenyl group, a 3-bromo-5-(trifluoromethyl)phenyl group, a 3-methoxy-5-(trifluoromethyl)phenyl group, a 3-methoxycarbonyl-5-(trifluoromethyl)phenyl group, a 3-carboxy-5-(trifluoromethyl)phenyl group, a 2-chloro-5-(trifluoromethyl)phenyl group, a 2,5-bis(trifluoromethyl)phenyl group, a 2-fluoro-5-(trifluoromethyl)phenyl group, a 2-nitro-5-(trifluoromethyl)phenyl group, a 2-methyl-5-(trifluoromethyl)phenyl group, a 2-methoxy-5-(trifluoromethyl)phenyl group, a 2-methylsulfanyl-5-(trifluoromethyl)phenyl group, a 2-(1-pyrrolidinyl)-5-(trifluoromethyl)phenyl group, a 2-morpholino-5-(trifluoromethyl)phenyl group, a 2-bromo-5-(trifluoromethyl)phenyl group, a 2-(2-naphthyloxy)-5-(trifluoromethyl)phenyl group, a 2-(2,4-dichlorophenoxy)-5-(trifluoromethyl)phenyl group, a 2-[4-(trifluoromethyl)piperidin-1-yl]-5-(trifluoromethyl)phenyl group, a 2-(2,2,2-trifluoroethoxy)-5-(trifluoromethyl)phenyl

group, a 2-(2-methoxyphenoxy)-5-(trifluoromethyl)phenyl group, a 2-(4-chloro-3,5-dimethylphenoxy)-5-(trifluoromethyl)phenyl group, a 2-piperidino-5-(trifluoromethyl)phenyl group, a 2-(4-methylphenoxy)-5-(trifluoromethyl)phenyl group, a 2-(4-chlorophenoxy)-5-(trifluoromethyl)phenyl group, a 2-(4-cyanophenoxy)-5-(trifluoromethyl)phenyl group, a 2-(4-methoxyphenoxy)-5-(trifluoromethyl)phenyl group, a 5-bromo-4-[(1,1-dimethyl)ethyl]thiazol-2-yl group, a 5-bromo-4-(trifluoromethyl)thiazol-2-yl group, a 5-cyano-4-[(1,1-dimethyl)ethyl]thiazol-2-yl group, a 5-methylthiazol-2-yl group, a 4,5-dimethylthiazol-2-yl group, a 5-methyl-4-phenylthiazol-2-yl group, a 5-(4-fluorophenyl)-4-methylthiazol-2-yl group, a 4-methyl-5-[3-(trifluoromethyl)phenyl]thiazol-2-yl group, a 4-[(1,1-dimethyl)ethyl]-5-ethylthiazol-2-yl group, a 4-ethyl-5-phenylthiazol-2-yl group, a 4-isopropyl-5-phenylthiazol-2-yl group, a 4-butyl-5-phenylthiazol-2-yl group, a 4-[(1,1-dimethyl)ethyl]-5-[(2,2-dimethyl)propionyl]thiazol-2-yl group, a 4-[(1,1-dimethyl)ethyl]-5-(ethoxycarbonyl)thiazol-2-yl group, a 4-[(1,1-dimethyl)ethyl]-5-piperidinothiazol-2-yl group, a 4-[(1,1-dimethyl)ethyl]-5-morpholinothiazol-2-yl group, a 4-[(1,1-dimethyl)ethyl]-5-(4-methylpiperazin-1-yl)thiazol-2-yl group, a 4-[(1,1-dimethyl)ethyl]-5-(4-phenylpiperazin-1-yl)thiazol-2-yl group, a 5-carboxymethyl-4-phenylthiazol-2-yl group, a 4,5-diphenylthiazol-2-yl group, a 4-benzyl-5-phenylthiazol-2-yl group, a 5-phenyl-4-(trifluoromethyl)thiazol-2-yl group, a 5-acetyl-4-phenylthiazol-2-yl group, a 5-benzoyl-4-phenylthiazol-2-yl group, a 5-ethoxycarbonyl-4-phenylthiazol-2-yl group, a 5-ethoxycarbonyl-4-(pentafluorophenyl)thiazol-2-yl group, a 5-methylcarbamoyl-4-phenylthiazol-2-yl group, a 5-ethylcarbamoyl-4-phenylthiazol-2-yl group, a 5-isopropylcarbamoyl-4-phenylthiazol-2-yl group, a 5-(2-phenylethyl)carbamoyl-4-

phenylthiazol-2-yl group, a 5-ethoxycarbonyl-4-(trifluoromethyl)thiazol-2-yl group, a 5-carboxy-4-[(1,1-dimethyl)ethyl]thiazol-2-yl group, a 5-(ethoxycarbonyl)methyl-4-phenylthiazol-2-yl group, a 5-carboxy-4-phenylthiazol-2-yl group, a 5-propylcarbamoyl-4-phenylthiazol-2-yl group, a 4-[(1,1-dimethyl)ethyl]thiazol-2-yl group, a 4-phenylthiazol-2-yl group, a 4-[3,5-bis(trifluoromethyl)phenyl]thiazol-2-yl group, a 4-(2,4-dichlorophenyl)thiazol-2-yl group, a 4-(3,4-dichlorophenyl)thiazol-2-yl group, a 4-[4-(trifluoromethyl)phenyl]thiazol-2-yl group, a 4-(2,5-difluorophenyl)thiazol-2-yl group, a 4-(4-methoxyphenyl)thiazol-2-yl group, a 4-[3-(trifluoromethyl)phenyl]thiazol-2-yl group, [[a]] or a 4-(pentafluorophenyl)thiazol-2-yl group.

37. (Currently Amended) The method according to claim 1, wherein ring Z is a benzene ring which may have one or more substituents independently selected from

a halogen atom,

a nitro group,

a cyano group,

an alkoxy group,

an alkyl group which may be substituted with one or more substituents independently selected from

a hydroxyl group,

[[an]] a benzyl-oxy-imino group, and

an alkoxy-imino group,

an alkenyl group which may be substituted with one or more substituents independently selected from

a phenyl group,

a cyano group,

an alkoxy-carbonyl group, and

a carboxy group,

an alkynyl group which may be substituted with one or more substituents independently selected from

a phenyl group, and

a tri(alkyl)silyl group,

a halogenated alkyl group,

a phenyl group which may be substituted with one or more substituents independently selected from

a halogen atom, and

a halogenated alkyl group,

a phenyl-alkyl group,

a monocyclic or a fused polycyclic heteroaryl group wherein said monocyclic or a fused polycyclic heteroaryl group is a 1-pyrrolyl group, a 2-pyrrolyl group, a 3-pyrrolyl group, a 2-thienyl group, a 3-thienyl group, a 2-thiazolyl group, a 4-thiazolyl group, a 5-thiazolyl group, a 2-pyridyl group, a 3-pyridyl group, a 4-pyridyl group or an imidazo[1,2-a]pyridin-2-yl group, and said monocyclic or a fused polycyclic heteroaryl group may be substituted with one or more alkyl groups,

an alkyl-carbonyl group,

a monocyclic non-aromatic heterocyclic-carbonyl group wherein said monocyclic non-aromatic heterocyclic-carbonyl group is a piperidino-carbonyl group, and said monocyclic non-aromatic heterocyclic-carbonyl group may be substituted with one or more benzyl groups,

a monocyclic heteroaryl-sulfonyl group wherein said monocyclic heteroaryl-sulfonyl group is a 1-pyrrolyl-sulfonyl group, a 2-pyrrolyl-sulfonyl group or a 3-pyrrolyl-sulfonyl group,

a carboxy group,

an alkoxy-carbonyl group,

a carbamoyl group which may be substituted with one or more substituents independently selected from

a phenyl group which may be substituted with one or more halogenated alkyl groups, and

an alkyl group,

a sulfamoyl group which may be substituted with one or more substituents independently selected from

a phenyl group which may be substituted with one or more halogenated alkyl groups, and

an alkyl group,

an amino group which may be substituted with one or more substituents independently selected from

an alkyl group,

an alkyl-carbonyl group,

a phenyl-carbonyl group,

an alkyl-sulfonyl group, and

a phenyl-sulfonyl group,

an ureido group which may be substituted with one or more phenyl groups,

a thioureido group which may be substituted with one or more phenyl groups,

a diazenyl group which may be substituted with one or more phenyl groups

wherein said phenyl groups may be substituted with one or more substituents independently selected from

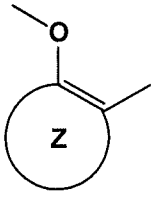
a nitro group, and

a monocyclic heteroaryl-sulfamoyl group wherein said monocyclic heteroaryl-sulfamoyl group is a 2-pyridyl-sulfamoyl group, a 3-pyridyl-sulfamoyl group or a 4-pyridyl-sulfamoyl group, and

a hydroxy group,

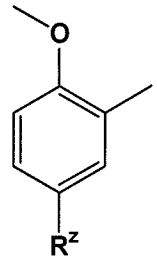
in addition to the group represented by formula —O—A wherein A has the same meaning as that defined above and the group represented by formula —X—E wherein each of X and E has the same meaning as that defined above.

38. (Previously Presented) The method according to claim 1, wherein the following partial formula (Iz-1) in the general formula containing ring Z



(Iz-1)

is represented by the following formula (Iz-2):



(I z－2)

wherein R^z represents

a hydrogen atom,

a halogen atom,

a nitro group,

a cyano group,

an alkoxy group,

an alkyl group which may be substituted with one or more substituents independently selected from

a hydroxy group,

an aralkyl-oxy-imino group, and

an alkoxy-imino group,

an alkenyl group which may be substituted with one or more substituents independently selected from

an aryl group,

a cyano group,

an alkoxy-carbonyl group, and

a carboxy group,

an alkynyl group which may be substituted with one or more substituents independently selected from

an aryl group, and

a tri(alkyl)silyl group,

a halogenated alkyl group,

an aryl group which may be substituted with one or more substituents independently selected from

a halogen atom, and

a halogenated alkyl group,

an aralkyl group,

a monocyclic or a fused polycyclic heteroaryl group which may be substituted with one or more alkyl groups,

an alkyl-carbonyl group,

a monocyclic non-aromatic heterocyclic-carbonyl group which may be substituted with one or more aralkyl groups,

a monocyclic heteroaryl-sulfonyl group,

a carboxy group,

an alkoxy-carbonyl group,

a carbamoyl group which may be substituted with one or more substituents independently selected from

an aryl group which may be substituted with one or more halogenated alkyl groups, and

an alkyl group,

a sulfamoyl group which may be substituted with one or more substituents independently selected from

an aryl group which may be substituted with one or more halogenated alkyl groups, and

an alkyl group,

an amino group which may be substituted with one or more substituents independently selected from

an alkyl group,

an alkyl-carbonyl group,

an aryl-carbonyl group,

an alkyl-sulfonyl group, and

an aryl-sulfonyl group,

an ureido group which may be substituted with one or more aryl groups,

a thioureido group which may be substituted with one or more aryl groups, or

a diazenyl group which may be substituted with one or more aryl groups wherein said aryl groups may be substituted with one or more substituents independently selected from

a nitro group, and

a monocyclic heteroaryl-sulfamoyl group.

39. (Currently Amended) The ~~use~~ method according to claim 38, wherein R^z is

a hydrogen atom,

a halogen atom,

a nitro group,

a cyano group,

an alkoxy group,

an alkyl group which may be substituted with one or more substituents independently selected from

a hydroxyl group,

[[an]] a benzyl-oxy-imino group, and

an alkoxy-imino group,

an alkenyl group which may be substituted with one or more substituents independently selected from

a phenyl group,

a cyano group,

an alkoxy-carbonyl group, and

a carboxy group,

an alkynyl group which may be substituted with one or more substituents independently selected from

a phenyl group, and

a tri(alkyl)silyl group,

a halogenated alkyl group,

a phenyl group which may be substituted with one or more substituents independently selected from

a halogen atom, and

a halogenated alkyl group,

a phenyl-alkyl group,

a monocyclic or a fused polycyclic heteroaryl group wherein said monocyclic or a fused polycyclic heteroaryl group is a 1-pyrrolyl group, a 2-pyrrolyl group, a 3-pyrrolyl group, a 2-thienyl group, a 3-thienyl group, a 2-thiazolyl group, a 4-thiazolyl group, a 5-thiazolyl group, a 2-pyridyl group, a 3-pyridyl group, a 4-pyridyl group or an imidazo[1,2-a]pyridin-2-yl group, and said monocyclic or a fused polycyclic heteroaryl group may be substituted with one or more alkyl groups,

an alkyl-carbonyl group,

a monocyclic non-aromatic heterocyclic-carbonyl group wherein said monocyclic non-aromatic heterocyclic-carbonyl group is a piperidino-carbonyl group, and said monocyclic non-aromatic heterocyclic-carbonyl group may be substituted with one or more benzyl groups,

a monocyclic heteroaryl-sulfonyl group wherein said monocyclic heteroaryl-sulfonyl group is a 1-pyrrolyl-sulfonyl group, a 2-pyrrolyl-sulfonyl group or a 3-pyrrolyl-sulfonyl group,

a carboxy group,

an alkoxy-carbonyl group,

a carbamoyl group which may be substituted with one or more substituents independently selected from

a phenyl group which may be substituted with one or more halogenated alkyl groups, and

an alkyl group,

a sulfamoyl group which may be substituted with one or more substituents independently selected from

a phenyl group which may be substituted with one or more halogenated alkyl groups, and

an alkyl group,

an amino group which may be substituted with one or more substituents independently selected from

an alkyl group,

an alkyl-carbonyl group,

a phenyl-carbonyl group,

an alkyl-sulfonyl group, and

a phenyl-sulfonyl group,

an ureido group which may be substituted with one or more phenyl groups,

a thioureido group which may be substituted with one or more phenyl groups, or

a diazenyl group which may be substituted with one or more phenyl groups wherein said phenyl groups may be substituted with one or more substituents independently selected from

a nitro group, and

a monocyclic heteroaryl-sulfamoyl group wherein said monocyclic heteroaryl-sulfamoyl group is a 2-pyridyl-sulfamoyl group, a 3-pyridyl-sulfamoyl group or a 4-pyridyl-sulfamoyl group.

40. (Previously Presented) The method according to claim 38, wherein R^z is a hydrogen atom, a halogen atom, a nitro group, a cyano group, a methoxy group, a methyl group, an isopropyl group, a tert-butyl group, a 1,1,3,3-tetramethylbutyl group, a 2-phenylethen-1-yl group, a 2,2-dicyanoethen-1-yl group, a 2-cyano-2-(methoxycarbonyl)ethen-1-yl group, a 2-carboxy-2-cyanoethen-1-yl group, an ethynyl group, a phenylethynyl group, a (trimethylsilyl)ethynyl group, a trifluoromethyl group, a pentafluoroethyl group, a phenyl group, a 4-(trifluoromethyl)phenyl group, a 4-fluorophenyl group, a 2,4-difluorophenyl group, a 2-phenethyl group, a 1-hydroxyethyl group, a 1-(methoxyimino)ethyl group, a 1-[(benzyloxy)imino]ethyl group, a 2-thienyl group, a 3-thienyl group, a 1-pyrrolyl group, a 2-methylthiazol-4-yl group, an imidazo[1,2-a]pyridin-2-yl group, a 2-pyridyl group, an acetyl group, an isobutyryl group, a piperidinocarbonyl group, a 4-benzylpiperidinocarbonyl group, a (pyrrol-1-yl)sulfonyl group, a carboxy group, a methoxycarbonyl group, an N-[3,5-bis(trifluoromethyl)phenyl]carbamoyl group, an N,N-dimethylcarbamoyl group, a sulfamoyl group, an N-[3,5-bis(trifluoromethyl)phenyl]sulfamoyl group, an N,N-dimethylsulfamoyl group, an amino group, an N,N-dimethylamino group, an acetylamino group, a benzoylamino group, a methanesulfonylamino group, a benzenesulfonylamino group, a 3-phenylureido group, a (3-phenyl)thioureido group, a (4-nitrophenyl)diazenyl group, or a {[4-(pyridin-2-yl)sulfamoyl]phenyl}diazenyl group.

41. (Currently Amended) The method according to claim 1, wherein

A is a hydrogen atom,

E is a 2,5- or 3,5-di-substituted phenyl group wherein at least one of said substituents is a trifluoromethyl group, and the other substituent is selected from

a halogen atom,

a halogenated alkyl group,

an alkoxy group, or

a di-substituted thiazol-2-yl group wherein said substituents are independently selected from

an alkyl group,

a halogenated alkyl group,

a cyano group,

an aryl group,

an alkyl-carbonyl group,

a monocyclic non-aromatic heterocyclic group which may be substituted with an aryl group, and

an aryl-carbonyl group,

ring Z is a benzene ring which may have one or more substituents independently selected from

a halogen atom,

an alkyl group,

an alkenyl group which may be substituted with an aryl group,

a halogenated alkyl group,

an aryl group, and

a monocyclic heteroaryl group,

in addition to the group represented by formula —O—A and the group represented by formula —CONH—E.